



Hemoglobin

- ☒ a. its affinity to oxygen is increased in a person living at h
- ☐ b. its affinity to oxygen decreased with increased CO₂ in ti
- ☐ c. has abnormal α chains in sickle cell anemia.
- ☐ d. its affinity to oxygen is lesser in fetus than in mother.

[Clear my choice](#)

N-methyl D- aspartate (NMDA) receptor

- ☐ a. acts through ligand-gated ion channel.
- ☐ b. Unlike metabotropic receptor is believed to be involved in n
- ☐ c. is a not a glutamate receptor.
- ☐ d. is inhibited by the presence of glycine.

43

Atropine blocks the action of acetylcholine on nicotinic receptors

- ☐ a. True
- ☒ b. False

44



For more details, visit [www.ck12.org](#) or [www.ck12.org](#) to the related area



at my choice

um is actively pumped into endoplasmic reticulum by primary transport

a. False

☒ b. True

Clear my choice

In skeletal muscle one statement is incorrect

- ☐ a. muscle tetanization means rapid successive contraction with partial relaxation.
- ☐ b. Motor unit is all the muscle fibers innervated by a single nerve fiber.
- ☐ c. sarcoplasmic reticulum has a voltage gated dihydropyridine receptors.
- ☐ d. Gastrocnemius muscle has isometric duration more than ocular muscle.

Neutrophils

- ☐ a. are found only in the circulation.
- ☐ b. Part of them are formed in the thymus.
- ☒ c. their movement towards the inflamed tissue is called chemotaxis
- ☐ d. do not show phagocytic activity.



English (en) ▾

Time le

Neutrophils differ from macrophages in being

- ☐ a. have the ability to engulf much larger particles
- ☒ b. their lysosomes do not contain lipase enzymes
- ☐ c. have more powerful phagocytic activity
- ☐ d. phagocytize larger number of bacteria

[Clear my choice](#)

Norepinephrine

- ☐ a. decreases peristalsis and sphincter tone of the gut.
- ☒ b. excites G-proteins-linked beta receptors rather than alpha receptors
- ☐ c. is a stronger blood vessels vasoconstrictor than epinephrine.
- ☐ d. is inactivated mainly by monoamine oxidase and catechol-O-methyl transferase enzymes.

[Clear my choice](#)

In a nerve cell

- ☐ a. Acidosis increases neuronal excitability.
- ☐ b. there is an active efflux of K^+ during hyperpolarization.
- ☐ c. excitability is increased if extracellular potassium is increased.
- ☒ d. excitability is increased if intracellular chloride is decreased.



IMG_9954.HEIC



English (en) ▾

Time left 0

The nerve impulse

- ☐ a. its duration is longer in skeletal than cardiac muscles.
- ☒ b. spreads in both directions across the nerve fiber.
- ☐ c. is terminated by increasing active K^+ efflux.
- ☐ d. its conduction is faster in unmyelinated fibers than myelinated ones.

[Clear my choice](#)

Temporal summation means summation of many presynaptic terminals EPSPs simultaneously to generate action potential

☒ a. False☐ b. True[Clear my choice](#)

Superoxide (O_2^-) radicals are bactericidal agents released from both neutrophils and macrophages.

☐ a. False☒ b. True[Clear my choice](#)



Erythrocytes

- ☐ a. contain nucleus
- ☐ b. In chronic blood loss they give rise to microcytic h
- ☒ c. carry iron in the form of transferrin
- ☐ d. their number tends to be decreased in kidney disea

Clear my choice

Question 10

Not yet answered

Marked out of 1

Flag question

Propranolol blocks sympathetic alpha receptors

- ☒ a. True
- ☐ b. False

Clear my choice





IMG_9952.HEIC



English (en)

- ☐ b. F-actin represents one of the thin filaments.
- ☒ c. troponin prevents the interaction of actin and myosin in resting state.
- ☐ d. tropomyosin is a double helical strand protein.

[Clear my choice](#)

One statement about erythropoietin is incorrect

- ☒ a. its rate of production increases when a person is placed at high altitude.
- ☐ b. its administration is helpful in treatment of anemia associated with renal failure
- ☐ c. enhances erythrocytes production under hypoxic condition
- ☐ d. tends to be decreased in pulmonary disease

[Clear my choice](#)

Lymphocytes are produced only in lymphogenous tissues

- ☒ a. False
- ☐ b. True

[Clear my choice](#)

Erythrocytes

- ☒ a. contain nucleus



IMG_9951.HEIC



erest . مشاهدة أهم مباريات... تسجيل الدخول Twitch MolView Inbox - ibramuha

English (en)

☐ b. False

Clear my choice

Time

One statement about acetylcholine is incorrect

- ☐ a. its muscarinic receptor acts through ligand-gated ion channels
- ☒ b. is synthesized in presynaptic nerve terminal by choline acetyltransferase enzyme.
- ☐ c. has a stimulatory effect on the intestine.
- ☐ d. is inactivated at postsynaptic membranes mainly by cholinesterase enzyme.

Clear my choice

Plateau in cardiac muscle coincides with depolarization stage

- ☒ a. False
- ☐ b. True

Clear my choice

Blood platelets

- ☒ a. decrease their number in leukemic patients
- ☒ b. Unlike leukocytes, they derived from pluripotential stem cell in bone marrow
- ☐ c. derived from lymphoid tissues in bone marrow



الوقت المتبقي 0:43:58

سؤال 16

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Leukemic patients have a bleeding tendency
caused by thrombocytopenia

True .a ☒False .b ☐

سؤال 17

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Erythrocytes growth in bone marrow is controlled
by interleukin-3

True .a ☒False .b ☐

سؤال 18

غير مجاب عليه بعد



ff0b0029-ad55-48de...



Stick of neutrophils to adhesion molecules of endothelium is called diapedesis

False .a ☒

True .b ☐

Neutrophils differ from macrophages in being

their lysosomes do not contain lipase enzymes .a ☒

have the ability to engulf much larger particles .b ☐

phagocytize larger number of bacteria .c ☐

have more powerful phagocytic activity .d ☐



fbee830c-af46-4fff-8...



In skeletal muscle one statement is incorrect

- .muscle tetanization means rapid successive contraction with partial relaxation .a ☐
- .Gastrocnemius muscle has isometric duration more than ocular muscle .b ☐
- .Motor unit is all the muscle fibers innervated by a single nerve fiber .c ☐
- .sarcoplasmic reticulum has a voltage-gated dihydropyridine receptors .d ☐

Lymphocytes are produced only in lymphogenous tissues

- False .a ☒
- True .b ☐

الوقت المتبقي 0:40:24

سؤال 26

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The resting membrane potential of a neuron

- a. ☐ increased in cardiac sinoatrial node
- b. ☐ increased with increasing neuronal excitability
- c. ☐ differs from that in skeletal muscle fiber
- d. ☒ decreased in facilitated neurons than normal ones

أخلى اختياري

سؤال 27

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Cytokines cause invasion of neutrophils to the inflamed area



- a. ☒ True
- b. ☐ False



ec858336-eb64-478f-...



Bilirubin is the product of hemoglobin destruction by macrophages

False .a ☐

True .b ☒

سؤال 34

تغير محاب عليه

بعد

الدرجة من 1

تلم هذا

السؤال

The action potential

is generated in postsynaptic neuron at a high threshold initial segment .a ☐

is associated with a transient decrease in membrane permeability to sodium .b ☐

its duration in sinoatrial node is shorter than in nerves .c ☐

its magnitude does not vary with increasing stimulus strength .d ☒

سؤال 35

تغير محاب عليه

بعد

الدرجة من 1

تلم هذا

السؤال

X ea97be8b-162c-49d6...



0:24:46 الوقت المتبقي

سؤال 33

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Propranolol blocks sympathetic alpha receptors

False .a ☒True .b ☐

سؤال 34

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Metabotropic receptor

.acts though ligand-gated ion channels .a ☐acts though G-protein second messenger .b ☒
systemUnlike N-methyl D-aspartate (NMDA) .c ☐
receptor is believed to be involved in
.memoryis not a glutamate receptor .d ☐

سؤال 35

غير مجاب عليه بعد



e3457507-c91a-4515-...



&cmd=31027

مقرراتي هذه المادة العربية (ar)



AUG-Mood

Norepinephrine

- excites G-proteins-linked beta receptors rather than alpha receptors .a ☐
- decreases peristalsis and sphincter tone of the gut .b ☐
- is inactivated mainly by monoamine oxidase and catechol-O-methyl transferase enzymes .c ☐
- is a stronger blood vessels vasoconstrictor than epinephrine .d ☒

Hemoglobin

- has abnormal α chains in sickle cell anemia .a ☐
- its affinity to oxygen is lesser in fetus than in mother .b ☐
- its affinity to oxygen is increased in a person living at high altitude .c ☐
- its affinity to oxygen decreased with increased CO_2 in tissue .d ☒

RBC appears biconcave rather than spherical in hereditary spherocytosis

- False .a ☒
- True .b ☐

X e04831cf-2ff2-4cf2-b...



الوقت المتبقي 0:42:32

سؤال 18

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

GABA is synthesized in cell bodies and then transported to axon terminals

False .a ☒

True .b ☐

سؤال 19

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Facilitated diffusion

.a ☐ differs from active transport in being has .carrier protein

.b ☐ occurs through integral proteins in the .cell membrane

.c ☐ occurs through receptor channel proteins .in the cell membrane

.d ☐ differs from simple diffusion in being .need no energy



الوقت المتبقي 0:25:43

سؤال 31

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Opsonization means release of bactericidal agents from macrophages

False .a ☒True .b ☐

سؤال 32

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

In skeletal muscle one statement is incorrect

sarcoplasmic reticulum has a voltage .a ☐

gated dihydropyridine receptors

muscle tetanization means rapid .b ☐

successive contraction with partial relaxation

Gastrocnemius muscle has isometric .c ☐

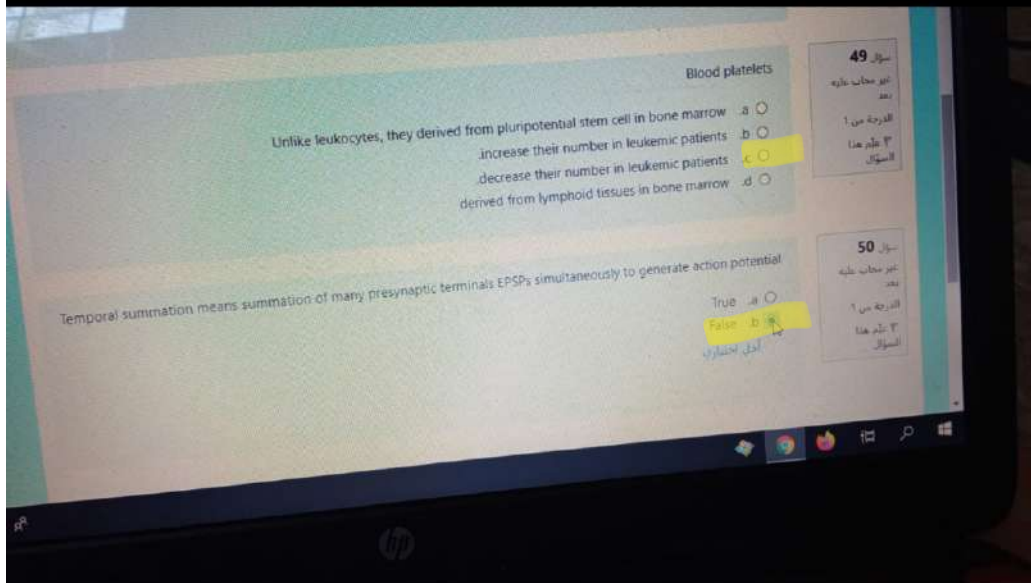
duration more than ocular muscle

Motor unit is all the muscle fibers .d ☐

innervated by a single nerve fiber



e678d255-fc31-4934-...



X e43c220e-3e53-4e53...

...

0:32:04 الوقت المتبقي

سؤال 26

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Stick of neutrophils to adhesion molecules of endothelium is called diapedesis

False .a ☒

True .b ☐

سؤال 27

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

One statement about acetylcholine is incorrect

.a ☐ is inactivated at postsynaptic membranes mainly by cholinesterase enzyme

.b ☐ is synthesized in presynaptic nerve terminal by choline acetyltransferase enzyme

.c ☐ has a stimulatory effect on the intestine

.d ☒ its muscarinic receptor acts through ligand-gated ion channels



dd407a3e-0854-4b8...



id=31027&page=4

مقرراتي هذه المادة العربية (ar)

AUG-Moodle-83

One statement about erythropoietin is incorrect

- tends to be decreased in pulmonary disease ☐ a
- its rate of production increases when a person is placed at high altitude ☐ b
- its administration is helpful in treatment of anemia associated with renal failure ☐ c
- enhances erythrocytes production under hypoxic condition ☐ d

سؤال 23

غير محاب عليه بعد

الدرجة من 1

3 علم هذا السؤال

Parasympathetic nervous system

- dilates bronchi of lungs ☐ a
- inhibits the secretion of adrenal medulla ☐ b
- tends to have longer postganglionic than preganglionic axons ☐ c
- releases acetylcholine at both pre- and postganglionic axons ☐ d

سؤال 24

غير محاب عليه بعد

الدرجة من 1

3 علم هذا السؤال

Plateau in cardiac muscle coincides with depolarization stage

- True ☐ a
- False ☐ b

سؤال 25

غير محاب عليه بعد

الدرجة من 1

3 علم هذا السؤال





الوقت المتبقي 0:27:47

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال



One statement about Na^+/K^+ Pump is incorrect

- a ☐ differs from facilitated diffusion in .being depend on carrier protein
- b ☐ differs from facilitated diffusion in .being needs energy
- c ☐ has a minor role in maintaining resting .membrane potential
- d ☐ .acts as an active electrogenic pump

سؤال 24

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال



Norepinephrine

a ☐ is a stronger blood vessels



X d465de51-149b-44d7...

0:46:00 الوقت المتبقي about Na⁺/K⁺ Pump is incorrect

- a ☐ differs from facilitated diffusion in being .needs energy
- b ☐ differs from facilitated diffusion in being .depend on carrier protein
- c ☐ has a minor role in maintaining resting .membrane potential
- d ☒ acts as an active electrogenic pump

أخلى اختياري

سؤال 15

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

One statement about erythropoietin is incorrect

- a ☐ its administration is helpful in treatment of anemia associated with renal failure
- b ☒ tends to be decreased in pulmonary disease
- c ☐ its rate of production increases when a .person is placed at high altitude
- d ☐ enhances erythrocytes production under hypoxic condition





cecaec5d-b0c4-4d52...



die.alazhar.edu.ps/mod/quiz/attempt.php?attempt=96226&cmid=31027

News New Tab

مقراني هذه المادة العربية (ar) AUG-Moodle-83

Blood platelets

1. decrease their number in leukemic patients .a ☐
2. derived from lymphoid tissues in bone marrow .b ☐
3. increase their number in leukemic patients .c ☒
4. Unlike leukocytes, they derived from pluripotential stem cell in bone marrow .d ☐

The resting membrane potential of a neuron

1. decreased in facilitated neurons than normal ones .a ☒
2. increased with increasing neuronal excitability .b ☐



ce8bac98-bd33-4b76...



الوقت المتبقي 0:56:27

e invasion of neutrophils to the
inflamed areaFalse .a ☐True .b ☒

أخِل اختياري

سؤال 5

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Facilitated diffusion is the way by which lipid-
soluble substances can cross cell membraneFalse .a ☐True .b ☐

الصفحة التالية

تنقل الاختبار



	9	8	7	6	5	4	3	2	1
20	19	18	17	16	15	14	13	12	11



0:56:27 الوقت المتبقي

e invasion of neutrophils to the
inflamed area

False .a ☐True .b ☒

أخِل اختياري

سؤال 5

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Facilitated diffusion is the way by which lipid-
soluble substances can cross cell membrane

False .a ☐True .b ☐

الصفحة التالية

تنقل الاختبار



	9	8	7	6	5	4	3	2	1
20	19	18	17	16	15	14	13	12	11



cb19c26b-3108-4443-...



Nitric oxide is released from its vesicles in presynaptic terminals

True .a ☐

False .b ☒

سؤال 2

غير محاب عليه

بعد

الدرجة من 1

علم هذا

السؤال

Blood platelets

derived from lymphoid tissues in bone marrow .a ☐

.increase their number in leukemic patients .b ☐

.decrease their number in leukemic patients .c ☒

Unlike leukocytes, they derived from pluripotential stem cell in bone marrow .d ☐

سؤال 3

غير محاب عليه

بعد

الدرجة من 1

علم هذا

السؤال

الوقت المتبقي 0:37:52

سؤال 21

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The resting membrane potential of a neuron

- a. ☐ increased in cardiac sinoatrial node
- b. ☐ differs from that in skeletal muscle fiber
- c. ☒ decreased in facilitated neurons than normal ones
- d. ☐ increased with increasing neuronal excitability

سؤال 22

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The walk-along theory of skeletal muscle describes mainly the power stroke

True a. ☒False b. ☐

سؤال 23

غير مجاب عليه بعد

X c257c3d9-9d35-4cdd...

43 سؤال

0:14:15 الوقت المتبقي

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

N-methyl D- aspartate (NMDA) receptor

- .acts through ligand-gated ion channel ☒ a
- .is a not a glutamate receptor ☐ b
- .is inhibited by the presence of glycine ☐ c
- Unlike metabotropic receptor is believed ☐ d
- .to be involved in memory

سؤال 44

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

In skeletal muscle

- ☒ a Fast fibers have large number of mitochondria to supply energy for contraction
- ☐ b All cross-bridges work simultaneously to give strong contraction
- ☐ c The major source of energy is glycolysis
- ☐ d Force of contraction is proportional to number of cross-bridges in contact with actin



c3a09c93-6a74-4f5d-...



مقرراتي هذه المادة العربية (ar) AUG-Mod

GABA receptors make their inhibitory action through Cl^- influx or K^+ effluxFalse .a ☐True .b ☒

أختاري

Parasympathetic nervous system

.tends to have longer postganglionic than preganglionic axons .a ☐.releases acetylcholine at both pre- and postganglionic axons .b ☒.inhibits the secretion of adrenal medulla .c ☐.dilates bronchi of lungs .d ☐

أختاري

One statement about Na^+/K^+ Pump is incorrect.has a minor role in maintaining resting membrane potential .a ☐.differs from facilitated diffusion in being depend on carrier protein .b ☒.acts as an active electrogenic pump .c ☐.differs from facilitated diffusion in being needs energy .d ☐

هنا للبحث





bfc0137f-7562-4355-...



are found only in the circulation d. ☐

أجل اختياري

Facilitated diffusion is the way by which lipid-soluble substances can cross cell membrane

False a. ☐

True b. ☐



In a nerve cell

excitability is increased if intracellular chloride is decreased

there is an active efflux of K^+ during hyperpolarization b. ☐



be251a52-af67-4c8e-...



1027&page=2



مقرراتي هذه المادة العربية (ar)



AUG-Moodle-83



Nitric oxide is released from its vesicles in presynaptic terminals

False ☒ aTrue ☐ b

سؤال 11

غير محاب عليه بعد

الدرجة من 1

٣ علم هذا السؤال

One statement about Na⁺/K⁺ Pump is incorrectdiffers from facilitated diffusion in being needs energy ☐ aacts as an active electrogenic pump ☐ bdiffers from facilitated diffusion in being depend on carrier protein ☐ chas a minor role in maintaining resting membrane potential ☐ d

سؤال 12

غير محاب عليه بعد

الدرجة من 1

٣ علم هذا السؤال

Facilitated diffusion

differs from simple diffusion in being need no energy ☐ adiffers from active transport in being has carrier protein ☐ boccurs through integral proteins in the cell membrane ☐ c

سؤال 13

غير محاب عليه بعد

الدرجة من 1

٣ علم هذا السؤال

× b7790c38-16f4-434e-...



Opsonization means release of bactericidal agents from macrophages

Select one:

☒ a. True

☐ b. False



acc21da2-5096-4fa0-...



True .b ☐
أجل اختياري

Opsonization means release of bactericidal agents from macrophages

True .a ☐
False .b ☒
أجل اختياري

X a83379df-8c08-43e9...



الوقت المتبقي 0:36:11

سؤال 23

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Basophils are expected to be increased in
parasitic infection

True .a ☐

False .b ☒

سؤال 24

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Plateau in cardiac muscle coincides with
depolarization stage



True .a ☒

False .b ☐



سؤال 25

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

0:58:54 الوقت المتبقي

سؤال 3

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Skeletal muscle myofilaments has the following features except

- a. ☐ troponin prevents the interaction of actin and myosin in resting state
- b. ☒ myosin is the only thick filament
- c. ☐ F-actin represents one of the thin filaments
- d. ☐ tropomyosin is a double helical strand protein

سؤال 4

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Cytokines cause invasion of neutrophils to the inflamed area

False .a ☐True .b ☒



a59fe73a-4d48-4b6e...



The action potential

- is associated with a transient decrease in membrane permeability to ☐ a .sodium
- .its magnitude does not vary with increasing stimulus strength ☒ b
- .its duration in sinoatrial node is shorter than in nerves ☒ c
- is generated in postsynaptic neuron at a high threshold initial ☐ d .segment

أجل اختياري

Parasympathetic nervous system

0:32:04 الوقت المتبقي

سؤال 26

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Stick of neutrophils to adhesion molecules of endothelium is called diapedesis

False .a ☒True .b ☐

سؤال 27

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

One statement about acetylcholine is incorrect

.a ☐ is inactivated at postsynaptic membranes mainly by cholinesterase enzyme

.b ☐ is synthesized in presynaptic nerve terminal by choline acetyltransferase enzyme

.c ☐ has a stimulatory effect on the intestine

.d ☒ its muscarinic receptor acts through ligand-gated ion channels



a2e4554e-c547-4d57...



الوقت المتبقي

Opsonization means release of bactericidal agents from macrophages

True .a ☐False .b ☒

سؤال 21

غير محاب عليه

بدرج

الدرجة من 1

3 على هذا

السؤال

The most numerous cells in normal human blood are

neutrophils .a ☐lymphocytes .b ☐monocytes .c ☐red blood cells .d ☒

سؤال 22

غير محاب عليه

بدرج

الدرجة من 1

3 على هذا

السؤال

Plateau in cardiac muscle coincides with depolarization stage

False .a ☐True .b ☒

سؤال 23

غير محاب عليه

بدرج

الدرجة من 1

3 على هذا



17091088-ccf5-419a-...



Erythrocytes growth in bone marrow is controlled by interleukin-3

False a ☐

True b ☒

أختاري

One statement about erythropoietin is incorrect

2

ب عليه

من 1

م هذا

ن

24

مجاب عليه



7329963b-c984-41ab-...



27&page=2

مقرراتي هذه المادة العربية (ar)



AUG-Moodle-83

Facilitated diffusion



- a. ☐ differs from simple diffusion in being need no energy
- b. ☐ differs from active transport in being has carrier protein
- c. ☐ occurs through integral proteins in the cell membrane
- d. ☐ occurs through receptor channel proteins in the cell membrane

سؤال 13

غير محاب عليه بعد

الدرجة من 1

3 علم هذا

السؤال

Lymphocytes are produced only in lymphogenous tissues

True a. ☐False b. ☒

سؤال 14

غير محاب عليه بعد

الدرجة من 1

3 علم هذا

السؤال

Hydroxyl radicals (OH⁻) are bactericidal agents released from both neutrophils and macrophagesTrue a. ☒False b. ☐

سؤال 15

غير محاب عليه بعد

الدرجة من 1

3 علم هذا

السؤال

X 0636142d-9bbb-43b7...

...

الوقت المتبقي 0:47:58

سؤال 13

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Iron is transported in plasma in the form of transferrin

True .a ☒False .b ☐

سؤال 14

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

One statement about Na⁺/K⁺ Pump is incorrect

a ☐ differs from facilitated diffusion in being .needs energy

b ☐ differs from facilitated diffusion in being .depend on carrier protein

c ☐ has a minor role in maintaining resting .membrane potential

d ☐ acts as an active electrogenic pump



غير مجاب عليه بعد



73035c0c-ff94-4b0f-...



id=31027&page=3

العربية (ar) هذه المادة مقرراتي



AUG-Moodle-83

All blood cells are derived from pluripotential stem cell in bone marrow

False .a ☐True .b ☒

سؤال 18

غير محاب عليه
بد

الدرجة من 1

عالم هذا
السؤال

The walk-along theory of skeletal muscle describes mainly the power stroke

False .a ☐True .b ☒

سؤال 19

غير محاب عليه
بد

الدرجة من 1

عالم هذا
السؤال

Polycythemia vera is a genetic disorder characterized by high blood viscosity

True .a ☒False .b ☐

سؤال 20

غير محاب عليه
بد

الدرجة من 1

عالم هذا
السؤال

71326e84-b32d-4290...

0:04:48 الوقت المتبقي dilates bronchi of lungs .b ☐

tends to have longer postganglionic than .c ☐
preganglionic axons

.inhibits the secretion of adrenal medulla .d ☐

أخلى اختياري

سؤال 50

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Isometric muscle contraction differs from isotonic contraction in being

its duration increases in muscles with .a ☐
fast contraction

occurs when the force of muscle .b ☒
contraction is lesser than the load

.has decreasing muscle tension .c ☐

.has constant muscle tension .d ☐

إنهاء المحاولة ...



تنقل الاختبار



أخلى اختياري

Neutrophils differ from macrophages in being

- their lysosomes do not contain lipase enzymes .a ☒
- have more powerful phagocytic activity .b ☐
- have the ability to engulf much larger particles .c ☐
- phagocytize larger number of bacteria .d ☐

أخلى اختياري

سؤال 47

غير مجاب عليه
بعد

الدرجة من 1

٣ علم هذا
السؤال

Bilirubin is the product of hemoglobin destruction by macrophages

False .a ☐True .b ☒

أخلى اختياري

سؤال 48

غير مجاب عليه
بعد

الدرجة من 1

٣ علم هذا
السؤال

Blood platelets

ocytes, they derived from pluripotential stem cell in bone marrow .a ☐

سؤال 49

غير مجاب عليه
بعد

F10

F11

F12

prt sc

delete

home

end

caps lock

F13

F14

F15

F16

F17

F18

F19

F20



61078ffd-6ccf-42fa-b...



Bilirubin is the product of hemoglobin destruction by macrophages

False : a ☐

True : b ☒

سؤال 16

غير صحيح عليه

الدرجة من ؟

3. علم هذا السؤال

Superoxide (O_2^-) radicals are bactericidal agents released from both neutrophils and macrophages

False : a ☐

True : b ☒

أهل اختياري

سؤال 17

غير صحيح عليه

الدرجة من ؟

3. علم هذا السؤال

Plateau in cardiac muscle coincides with depolarization stage

True : a ☒

False : b ☐

سؤال 18

غير صحيح عليه

الدرجة من ؟

3. علم هذا السؤال

22581d05-b689-46f5-...



...

0:20:58 الوقت المتبقي

سؤال 36

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Erythrocytes

- a ☐ contain nucleus
- b ☒ their number tends to be decreased in kidney disease
- c ☐ carry iron in the form of transferrin
- d ☐ In chronic blood loss they give rise to microcytic hyperchromic anemia

سؤال 37

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Blood platelets

- a ☐ derived from lymphoid tissues in bone marrow
- b ☒ decrease their number in leukemic patients
- c ☐ increase their number in leukemic patients
- d ☐ Unlike leukocytes, they derived from pluripotential stem cell in bone marrow





9404d269-be8f-4b57...



GABA is synthesized in cell bodies and then transported to axon terminals

True .a ☐

False .b ☒

أجل اختفاري

سؤال 22

غير محاب عليه
بعد

الدرجة من 1

3 يتم هذا

السؤال



3019cd3b-28c1-4a45-...



=31027&page=1

مقرراتي هذه المادة العربية (ar)



AUG-Moodle-83

Metabotropic receptor

- .a ☐ acts through ligand-gated ion channels
 .b ☐ is not a glutamate receptor
 .c ☐ like N-methyl D-aspartate (NMDA) receptor is believed to be involved in memory
 .d ☒ acts through G-protein second messenger system

سؤال 8

غير محاب عليه بعد

الدرجة من 1

٣ علم هذا السؤال

Second macrophage invasion into inflamed tissue provides a second line of defense

True .a ☐False .b ☒

سؤال 9

غير محاب عليه بعد

الدرجة من 1

٣ علم هذا السؤال

Erythrocytes growth in bone marrow is controlled by interleukin-3

False .a ☐True .b ☒

سؤال 10

غير محاب عليه بعد

الدرجة من 1

٣ علم هذا السؤال

الوقت المتبقي 0:15:17

سؤال 41

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

RBC appears biconcave rather than spherical in hereditary spherocytosis

False .a ☒True .b ☐

سؤال 42

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

All blood cells are derived from pluripotential stem cell in bone marrow

False .a ☐True .b ☒

سؤال 43

غير مجاب عليه بعد

الدرجة من 1



904cf7b6-04fe-46cf-...



الوقت المتبقي 0:28:56

سؤال 28

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Bilirubin is the product of hemoglobin destruction
by macrophages

True .a ☒False .b ☐

سؤال 29

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Excitatory postsynaptic potential is all or non-law
potential

False .a ☒True .b ☐

سؤال 30

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال



الوقت المتبقي 0:55:18

سؤال 6

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The most numerous cells in normal human blood are

.neutrophils .a ☐

.monocytes .b ☐

.lymphocytes .c ☐

.red blood cells .d ☒

سؤال 7

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Nitric oxide is released from its vesicles in presynaptic terminals

True .a ☐

False .b ☒

سؤال 8



619de663-5356-4524...



أجل اختياري

Plateau in cardiac muscle coincides with depolarization stage

False .a ☐True .b ☒

Erythrocytes

...the four of transferrin .a ☐



414cdf4f-ae39-458f-...



=31027&page=9

العربية (ar)

هذه المادة

مقرراتي



AUG-Moodle-83

have the ability to engulf much larger particles .c ☐phagocytize larger number of bacteria .d ☐

أخلى الاختياري

علم هذا
السؤال

Bilirubin is the product of hemoglobin destruction by macrophages

False .a ☐True .b ☒

سؤال 48

غير محاب عليه
بعد

الدرجة من 1

علم هذا
السؤال

Blood platelets

Unlike leukocytes, they derived from pluripotential stem cell in bone marrow .a ☐.increase their number in leukemic patients .b ☐.decrease their number in leukemic patients .c ☒derived from lymphoid tissues in bone marrow .d ☐

سؤال 49

غير محاب عليه
بعد

الدرجة من 1

علم هذا
السؤال

ans summation of many presynaptic terminals EPSPs simultaneously to generate action potential

سؤال 50

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Binding of immunoglobulin E to eosinophils
causes histaminic allergy

True .a ☐False .b ☒

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

In a nerve cell

there is an active efflux of K^+ during .a ☐

hyperpolarization

excitability is increased if intracellular .b ☒

chloride is decreased

Acidosis increases neuronal excitability .c ☐excitability is increased if extracellular .d ☐

potassium is increased



غير مجاب عليه بعد



96e09af7-edde-4c0c...



Propranolol blocks sympathetic alpha receptors

False .a ☐

True .b ☐

سؤال 8

غير محاب عليه

بعد

الدرجة من 1

تكم هذا

السؤال

Polycythemia vera is a genetic disorder characterized by high blood viscosity

False .a ☐

True .b ☐

سؤال 9

غير محاب عليه

بعد

الدرجة من 1

تكم هذا

السؤال

Bilirubin is the product of hemoglobin destruction by macrophages

False .a ☐

True .b ☐

سؤال 10

غير محاب عليه

بعد

الدرجة من 1

الوقت المتبقي 0:18:16

سؤال 40

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The action potential

is generated in postsynaptic neuron at a .a ☐
 .high threshold initial segment

its magnitude does not vary with .b ☒
 .increasing stimulus strength

is associated with a transient decrease in .c ☐
 .membrane permeability to sodium

its duration in sinoatrial node is shorter .d ☐
 .than in nerves

الصفحة التالية

تنقل الاختبار

10	9	8	7	6	5	4	3	2	1
	19	18	17	16	15	14	13	12	11
30	29	28	27	26	25	24	23	22	21
40	39	38	37	36	35	34	33	32	31



072b3642-a62c-463a...



5&cmid=310278page=9

العربية (AR) هذه المادة مفرداتي AUG-Moodle-83

One statement about vitamin B12 is incorrect

46 سؤال

اخر سؤال عليه

اجاب

الدرجة من 1

33 رقم هذا

السؤال

☐ its absorption needs intrinsic factor secreted by parietal cells of stomach
☐ cannot be manufactured in liver
☒ its deficiency as a result of gastrectomy causes microcytic anemia
☐ its absorption is difficult in people with sprue

اجاب المتباري

Neutrophils differ from macrophages in being

47 سؤال

اخر سؤال عليه

اجاب

الدرجة من 1

33 رقم هذا

السؤال

☒ their lysosomes do not contain lipase enzymes
☐ have more powerful phagocytic activity
☐ have the ability to engulf much larger particles
☐ phagocytize larger number of bacteria

اجاب المتباري

Sinubin is the product of hemoglobin destruction by macrophages

48 سؤال

اخر سؤال عليه

الوقت المتبقي 0:50:02

سؤال 11

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Calcium is actively pumped into endoplasmic reticulum by primary transport

True .a ☒False .b ☐

سؤال 12

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

One statement about vitamin B12 is incorrect

its deficiency as a result of gastrectomy .a ☒

.causes microcytic anemia

its absorption needs intrinsic factor .b ☐

.secreted by parietal cells of stomach

its absorption is difficult in people with .c ☐

.sprue

cannot be manufactured in liver .d ☐



41bf7fda-4cd9-471f-a...



تمثل الاختبار

الوقت المتبقي 0:13:28

In skeletal muscle one statement is incorrect

a. Motor unit is all the muscle fibers innervated by a single nerve fiber ☐

b. Gastrocnemius muscle has isometric duration more than ocular muscle ☐

c. sarcoplasmic reticulum has a voltage gated dihydropyridine receptors ☐

d. muscle tetanization means rapid successive contraction with partial relaxation ☒

سؤال 36
غير محاب عليه بعد
الدرجة من 1
3- عليم هذا السؤال

One statement about vitamin B12 is incorrect

a. its absorption is difficult in people with sprue ☐

b. its absorption needs intrinsic factor secreted by parietal cells of stomach ☐

c. its deficiency as a result of gastrectomy causes microcytic anemia ☒

d. cannot be manufactured in liver ☐

سؤال 37
غير محاب عليه بعد
الدرجة من 1
3- عليم هذا السؤال

38

The nerve impulse

تمثيل الاختبار

الوقت المتبقي 0:13:28

تمثيل الاختبار

الوقت المتبقي 0:13:28

11:00

WhatsApp



12d94dec-4e9b-4c8f-...



المقرراتي هذه المادة العربية (ar) AUG-Moodle-83

N-methyl D- aspartate (NMDA) receptor

acts through ligand-gated ion channel

Unlike metabotropic receptor is believed to be involved in memory

N-methyl D- aspartate (NMDA) receptor

is inhibited by the presence of glycine

acts through ligand-gated ion channel

Unlike metabotropic receptor is believed to be involved in memory

is a not a glutamate receptor

is inhibited by the presence of glycine

12d94dec-4e9b-4c8f-8788-816a22bf0313.JPG

Loading item

Atrazine blocks the action of acetylcholine on nicotinic receptors

سؤال 11

غير محاب عليه بعد

الدرجة من 1

٣ عليم هذا السؤال

سؤال 12

غير محاب عليه بعد

الوقت المتبقي 0:29:56

أخلى اختياري

سؤال 37

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The action potential

- a. its duration in sinoatrial node is shorter than in nerves ☐
- b. is associated with a transient decrease in membrane permeability to sodium ☐
- c. its magnitude does not vary with increasing stimulus strength ☒
- d. is generated in postsynaptic neuron at a high threshold initial segment ☐

أخلى اختياري

سؤال 38

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Fast fibers have a lower levels of oxidative

X 9a16c611-11bb-418f-8...



الوقت المتبقي 0:34:00

اخلي اختياري

سؤال 25

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Norepinephrine

- a ☐ .a
excites G-proteins-linked beta receptors
rather than alpha receptors
- b ☐ .b
is inactivated mainly by monoamine
oxidase and catechol-O-methyl
transferase enzymes
- c ☒ .c
is a stronger blood vessels
vasoconstrictor than epinephrine
- d ☐ .d
decreases peristalsis and sphincter tone
of the gut

الصفحة التالية

تنقل الاختبار

10	9	8	7	6	5	4	3	2	1
	19	18	17	16	15	14	13	12	11
30	29	28	27	26	25	24	23	22	21



8fc56706-daf4-471a-...



أخلى اختياري

سؤال 8
غير محاسب عليه
بعد

Nitric oxide is released from its vesicles in presynaptic terminals

False ☒ aTrue ☐ b

سؤال 8
غير محاسب عليه
بعد
الدرجة من 1
سؤال 8
المسؤول

One statement about Na^+/K^+ Pump is incorrectdiffers from facilitated diffusion in being needs energy ☐ aacts as an active electrogenic pump ☐ bdiffers from facilitated diffusion in being depend on carrier protein ☐ c

سؤال 9
غير محاسب عليه
بعد
الدرجة من 1
سؤال 9
المسؤول

X 8bbbe704-00d1-432e...



الوقت المتبقي 0:53:40

سؤال 8

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Neutrophils

- a ☐ .are found only in the circulation
- b ☐ .Part of them are formed in the thymus
- c ☒ their movement towards the inflamed tissue is called chemotaxis
- d ☐ .do not show phagocytic activity

سؤال 9

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Polycythemia vera is a genetic disorder characterized by high blood viscosity

True a ☒False b ☐

سؤال 10

غير مجاب عليه بعد

X 8afaf8f2-6ded-4c15-...



0:19:34 الوقت المتبقي

سؤال 38

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Lymphocytes are produced only in lymphogenous tissues

True .a ☐False .b ☒

سؤال 39

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Neutrophils differ from macrophages in being

have more powerful phagocytic activity .a ☐have the ability to engulf much larger particles .b ☐phagocytize larger number of bacteria .c ☐their lysosomes do not contain lipase enzymes .d ☒

سؤال 40

غير مجاب عليه بعد

X 8ac2063a-b4c3-4e36...



0:41:21 الوقت المتبقي

receptor channel proteins .c ☐

.in the cell membrane

differs from simple diffusion in being .d ☐

.need no energy

سؤال 20

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

The nerve impulse

its conduction is faster in unmyelinated .a ☐
.fibers than myelinated onesis terminated by increasing active K⁺ .b ☐
.effluxspreads in both directions across .c ☒
.the nerve fiberits duration is longer in skeletal than .d ☐
.cardiac muscles

الصفحة التالية

تنقل الاختبار



11:00

WhatsApp



6fbc63a9-376a-4b62-...



Superoxide (O_2^-) radicals are bactericidal agents released from both neutrophils and macrophages

True a ☒
False b ☐

أختاري اجابتي

سؤال 15

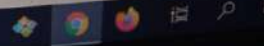
نقز نجات عليه

نعم

الدرجة من 3

٢ سلم هذا

السؤال





06eff5b3-d252-469e-...



=31027&page=3



العربية (ar) هذه المادة مقرراتي



AUG-Moodle-83

The most numerous cells in normal human blood are

monocytes .a ☐neutrophils .b ☐red blood cells .c ☒lymphocytes .d ☐

سؤال 16

غير محاب عليه
بعد

الدرجة من 1

٣ علم هذا

السؤال

Facilitated diffusion is the way by which lipid-soluble substances can cross cell membrane

False .a ☐True .b ☐

سؤال 17

غير محاب عليه
بعد

الدرجة من 1

٣ علم هذا

السؤال

All blood cells are derived from pluripotential stem cell in bone marrow

False .a ☐

سؤال 18

غير محاب عليه
بعد

X 06a7297a-5594-4018...



الوقت المتبقي 0:50:02

سؤال 11

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Calcium is actively pumped into endoplasmic reticulum by primary transport

True .a ☒False .b ☐

سؤال 12

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

One statement about vitamin B12 is incorrect

its deficiency as a result of gastrectomy .a ☒

.causes microcytic anemia

its absorption needs intrinsic factor .b ☐

.secreted by parietal cells of stomach

its absorption is difficult in people with .c ☐

.sprue

cannot be manufactured in liver .d ☐



الوقت المتبقي 0:26:53

False .a ☐

True .b ☒

أخِل اختياري

سؤال 30

غير مجاب عليه بعد

الدرجة من 1

علم هذا السؤال

Hemoglobin

its affinity to oxygen decreased with .a ☐

increased CO₂ in tissue

has abnormal α chains in sickle cell .b ☐

.anemia

its affinity to oxygen is lesser in fetus .c ☐

.than in mother

its affinity to oxygen is increased in a .d ☐

person living at high altitude

الصفحة التالية

تنقل الاختبار

